
Subject: Re: Slight difference in HIV numbers in South Africa 2016 dataset (IR, MR)
Posted by [Bridgette-DHS](#) on Mon, 07 Dec 2020 14:16:16 GMT

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Following is a response from DHS Research & Data Analysis Director, Tom Pullum:

I was able to get a match by merging with the PR file and then selecting the women for whom hv117=1 (for men you would select on hv118=1). These are the women (and men) who were eligible for the individual interviews, whether or not they were actually interviewed individually.

I tried this because the biomarkers are part of the household survey and the covariates in the table are part of the household survey. However, your approach--merging with the IR file (and MR file) was completely reasonable, and the differences are very small.

set more off

use "C:\Users\26216\ICF\Analysis - Shared Resources\Data\DHSdata\ZAAR71FL.DTA", clear

```
rename hivclust hv001
rename hivnumb hv002
rename hivline hvidx
```

```
sort hv001 hv002 hvidx
save e:\DHS\DHS_data\scratch\ZAARtemp.dta, replace
```

use "C:\Users\26216\ICF\Analysis - Shared Resources\Data\DHSdata\ZAPR71FL.DTA", clear

```
keep hv001 hv002 hvidx hv024 hv104 hv105 hv117 hv118
sort hv001 hv002 hvidx
merge hv001 hv002 hvidx using e:\DHS\DHS_data\scratch\ZAARtemp.dta
```

```
tab _merge
keep if _merge==3
drop _merge
```

```
tab hv024 [iweight=hiv05/1000000] if hv117==1
```

File Attachments

1) [hv024.png](#), downloaded 497 times
